

## STIC Biotechnology Systems Branch

### RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/048,116A  
Source: IFW/6  
Date Processed by STIC: 12/29/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER: 10/048,116A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 ☐ Wrapped Nucleics  
    Wrapped Aminos     The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2 ☐ Invalid Line Length     The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
  
- 3 ☐ Misaligned Amino  
    Numbering     The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
  
- 4 ☐ Non-ASCII     The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
  
- 5 ☐ Variable Length     Sequence(s) ☐ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6 ☒ PatentIn 2.0  
    "bug"     A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) 2,4,6,8. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
  
- 7 ☐ Skipped Sequences  
    (OLD RULES)     Sequence(s) ☐ missing. If intentional, please insert the following lines for **each** skipped sequence:  
                               (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                               (i)         SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                               (xi)        SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                               This sequence is intentionally skipped  
  
                               Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
  
- 8 ☐ Skipped Sequences  
    (NEW RULES)     Sequence(s) ☐ missing. If **intentional**, please insert the following lines for **each** skipped sequence.  
                               <210> sequence id number  
                               <400> sequence id number  
                               000
  
- 9 ☐ Use of n's or Xaa's  
    (NEW RULES)     Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                               Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.  
                               In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
  
- 10 ☐ Invalid <213>  
    Response     Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
  
- 11 ☐ Use of <220>     Sequence(s) ☐ missing the <220> "Feature" and associated numeric identifiers and responses.  
                               Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
                               (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
  
- 12 ☐ PatentIn 2.0  
    "bug"     Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
  
- 13 ☐ Misuse of n/Xaa     "**n**" can **only** represent a single nucleotide; "**Xaa**" can **only** represent a single amino acid



IFW16

## RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/048,116A

TIME: 12:20:15

Input Set : A:\seq list.txt

Output Set: N:\CRF4\12292005\J048116A.raw

3 <110> APPLICANT: CNRS  
 5 <120> TITLE OF INVENTION: RECOMBINANT PROTEINS AND MOLECULAR COMPLEXES DERIVED  
 6 FROM THESE PROTEINS, ANALOGOUS TO MOLECULES INVOLVED IN  
 7 IMMUNE RESPONSES  
 9 <130> FILE REFERENCE: 1721-47  
 11 <140> CURRENT APPLICATION NUMBER: 10/048,116A  
 12 <141> CURRENT FILING DATE: 2002-02-27  
 14 <150> PRIOR APPLICATION NUMBER: PCT/FR00/02193  
 15 <151> PRIOR FILING DATE: 2000-07-28  
 17 <150> PRIOR APPLICATION NUMBER: FR99/09862  
 18 <151> PRIOR FILING DATE: 1999-07-29  
 20 <160> NUMBER OF SEQ ID NOS: 8  
 22 <170> SOFTWARE: PatentIn Ver. 2.0  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 1517  
 26 <212> TYPE: DNA  
 27 <213> ORGANISM: Artificial Sequence  
 29 <220> FEATURE:  
 30 <223> OTHER INFORMATION: Description of Artificial Sequence: construct  
 31 coding 1Aalpha(d)/Fc  
 33 <220> FEATURE:  
 34 <221> NAME/KEY: CDS  
 35 <222> LOCATION: (18)..(1502)  
 37 <400> SEQUENCE: 1  
 38 aaaggggggga attcagg atg ccg tgc agc aga gct ctg att ctg ggg gtc 50  
 39 Met Pro Cys Ser Arg Ala Leu Ile Leu Gly Val  
 40 1 5 10  
 42 ctc gcc ctg aac acc atg ctc agc ctc tgc gga ggt gaa gac gac att 98  
 43 Leu Ala Leu Asn Thr Met Leu Ser Leu Cys Gly Gly Glu Asp Asp Ile  
 44 15 20 25  
 46 gag gcc gac cac gta ggc ttc tat ggt aca act gtt tat cag tct cct 146  
 47 Glu Ala Asp His Val Gly Phe Tyr Gly Thr Thr Val Tyr Gln Ser Pro  
 48 30 35 40  
 50 gga gac att ggc cag tac aca cat gaa ttt gat ggt gat gag ttg ttc 194  
 51 Gly Asp Ile Gly Gln Tyr Thr His Glu Phe Asp Gly Asp Glu Leu Phe  
 52 45 50 55  
 54 tat gtg gac ttg gat aag aag aaa act gtc tgg agg ctt cct gag ttt 242  
 55 Tyr Val Asp Leu Asp Lys Lys Lys Thr Val Trp Arg Leu Pro Glu Phe  
 56 60 65 70 75  
 58 ggc caa ttg ata ctc ttt gag ccc caa ggt gga ctg caa aac ata gct 290  
 59 Gly Gln Leu Ile Leu Phe Glu Pro Gln Gly Leu Gln Asn Ile Ala  
 60 80 85 90  
 62 gca gaa aaa cac aac ttg gga atc ttg act aag agg tca aat ttc acc 338

*See p. 3 for error*  
*Suggestion:*  
 Please upgrade to  
 PatentIn 3.3  
 (available at [www.uspto.gov](http://www.uspto.gov))

**Does Not Comply  
 Corrected Diskette Needed**

## RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/048,116A

TIME: 12:20:15

Input Set : A:\seq list.txt

Output Set: N:\CRF4\12292005\J048116A.raw

63	Ala	Glu	Lys	His	Asn	Leu	Gly	Ile	Leu	Thr	Lys	Arg	Ser	Asn	Phe	Thr	
64				95					100					105			
66	cca	gct	acc	aat	gag	gct	cct	caa	gcg	act	gtg	ttc	ccc	aag	tcc	cct	386
67	Pro	Ala	Thr	Asn	Glu	Ala	Pro	Gln	Ala	Thr	Val	Phe	Pro	Lys	Ser	Pro	
68			110					115					120				
70	gtg	ctg	ctg	ggt	cag	ccc	aac	acc	ctt	atc	tgc	ttt	gtg	gac	aac	atc	434
71	Val	Leu	Leu	Gly	Gln	Pro	Asn	Thr	Leu	Ile	Cys	Phe	Val	Asp	Asn	Ile	
72		125						130					135				
74	ttc	cca	cct	gtg	atc	aac	atc	aca	tgg	ctc	aga	aat	agc	aag	tca	gtc	482
75	Phe	Pro	Pro	Val	Ile	Asn	Ile	Thr	Trp	Leu	Arg	Asn	Ser	Lys	Ser	Val	
76	140					145					150					155	
78	aca	gac	ggc	gtt	tat	gag	acc	agc	ttc	ctc	gtc	aac	cgt	gac	cat	tcc	530
79	Thr	Asp	Gly	Val	Tyr	Glu	Thr	Ser	Phe	Leu	Val	Asn	Arg	Asp	His	Ser	
80				160						165					170		
82	ttc	cac	aag	ctg	tct	tat	ctc	acc	ttc	atc	cct	tct	gat	gat	gac	att	578
83	Phe	His	Lys	Leu	Ser	Tyr	Leu	Thr	Phe	Ile	Pro	Ser	Asp	Asp	Asp	Ile	
84			175						180					185			
86	tat	gac	tgc	aag	gtg	gag	cac	tgg	ggc	ctg	gag	gag	ccg	gtt	ctg	aaa	626
87	Tyr	Asp	Cys	Lys	Val	Glu	His	Trp	Gly	Leu	Glu	Glu	Pro	Val	Leu	Lys	
88		190						195					200				
90	cac	tgg	gaa	cct	gag	att	cca	gcc	ccc	atg	tca	gag	ctg	aca	gaa	act	674
91	His	Trp	Glu	Pro	Glu	Ile	Pro	Ala	Pro	Met	Ser	Glu	Leu	Thr	Glu	Thr	
92		205					210						215				
94	gga	ggt	gga	gga	tcc	act	aca	gct	cca	tca	gct	cag	ctc	gaa	aaa	gag	722
95	Gly	Gly	Gly	Gly	Ser	Thr	Thr	Ala	Pro	Ser	Ala	Gln	Leu	Glu	Lys	Glu	
96	220				225						230					235	
98	ctc	cag	gcc	ctg	gag	aag	gaa	aat	gca	cag	ctg	gaa	tgg	gag	ttg	caa	770
99	Leu	Gln	Ala	Leu	Glu	Lys	Glu	Asn	Ala	Gln	Leu	Glu	Trp	Glu	Leu	Gln	
100				240						245					250		
102	gca	ctg	gaa	aag	gaa	ctg	gct	cag	gca	tct	gag	ccc	aga	ggg	ccc		818
103	Ala	Leu	Glu	Lys	Glu	Leu	Ala	Gln	Ala	Ala	Ser	Glu	Pro	Arg	Gly	Pro	
104			255						260					265			
106	aca	atc	aag	ccc	tgt	cct	cca	tgc	aaa	tgc	cca	gca	cct	aac	ctc	ttg	866
107	Thr	Ile	Lys	Pro	Cys	Pro	Pro	Cys	Lys	Cys	Pro	Ala	Pro	Asn	Leu	Leu	
108			270					275					280				
110	ggt	gga	cca	tcc	gtc	ttc	atc	ttc	cct	cca	aag	atc	aag	gat	gta	ctc	914
111	Gly	Gly	Pro	Ser	Val	Phe	Ile	Phe	Pro	Pro	Lys	Ile	Lys	Asp	Val	Leu	
112		285					290					295					
114	atg	atc	tcc	ctg	agc	ccc	ata	gtc	aca	tgt	gtg	gtg	gtg	gat	gtg	agc	962
115	Met	Ile	Ser	Leu	Ser	Pro	Ile	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser	
116	300				305						310				315		
118	gag	gat	gac	cca	gat	gtc	cag	atc	agc	tgg	ttt	gtg	aac	aac	gtg	gaa	1010
119	Glu	Asp	Asp	Pro	Asp	Val	Gln	Ile	Ser	Trp	Phe	Val	Asn	Asn	Val	Glu	
120				320						325					330		
122	gta	cac	aca	gct	cag	aca	caa	acc	cat	aga	gag	gat	tac	aac	agt	act	1058
123	Val	His	Thr	Ala	Gln	Thr	Gln	Thr	His	Arg	Glu	Asp	Tyr	Asn	Ser	Thr	
124			335						340					345			
126	ctc	cgg	gtg	gtc	agt	gcc	ctc	ccc	atc	cag	cac	cag	gac	tgg	atg	agt	1106
127	Leu	Arg	Val	Val	Ser	Ala	Leu	Pro	Ile	Gln	His	Gln	Asp	Trp	Met	Ser	

## RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/048,116A

TIME: 12:20:15

Input Set : A:\seq list.txt

Output Set: N:\CRF4\12292005\J048116A.raw

```

128          350          355          360
130 ggc aag gag ttc aaa tgc aag gtc aac aac aaa gac ctc cca gcg ccc 1154
131 Gly Lys Glu Phe Lys Cys Lys Val Asn Asn Lys Asp Leu Pro Ala Pro
132          365          370          375
134 atc gag aga acc atc tca aaa ccc aaa ggg tca gta aga gct cca cag 1202
135 Ile Glu Arg Thr Ile Ser Lys Pro Lys Gly Ser Val Arg Ala Pro Gln
136 380          385          390          395
138 gta tat gtc ttg cct cca cca gaa gaa gag atg act aag aaa cag gtc 1250
139 Val Tyr Val Leu Pro Pro Pro Glu Glu Glu Met Thr Lys Lys Gln Val
140          400          405          410
142 act ctg acc tgc atg gtc aca gac ttc atg cct gaa gac att tac gtg 1298
143 Thr Leu Thr Cys Met Val Thr Asp Phe Met Pro Glu Asp Ile Tyr Val
144          415          420          425
146 gag tgg acc aac aac ggg aaa aca gag cta aac tac aag aac act gaa 1346
147 Glu Trp Thr Asn Asn Gly Lys Thr Glu Leu Asn Tyr Lys Asn Thr Glu
148          430          435          440
150 cca gtc ctg gac tct gat ggt tct tac ttc atg tac agc aag ctg aga 1394
151 Pro Val Leu Asp Ser Asp Gly Ser Tyr Phe Met Tyr Ser Lys Leu Arg
152          445          450          455
154 gtg gaa aag aag aac tgg gtg gaa aga aat agc tac tcc tgt tca gtg 1442
155 Val Glu Lys Lys Asn Trp Val Glu Arg Asn Ser Tyr Ser Cys Ser Val
156 460          465          470          475
158 gtc cac gag ggt ctg cac aat cac cac acg act aag agc ttc tcc cgg 1490
159 Val His Glu Gly Leu His Asn His His Thr Thr Lys Ser Phe Ser Arg
160          480          485          490
162 act ccg ggt aaa tgatgactcg acctg 1517
163 Thr Pro Gly Lys
164          495
167 <210> SEQ ID NO: 2
168 <211> LENGTH: 495
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
W--> 172 <220> FEATURE:
W--> 172 <223> OTHER INFORMATION: see item 6 on Eron Summary Sheet
W--> 172 <400> 2
173 Met Pro Cys Ser Arg Ala Leu Ile Leu Gly Val Leu Ala Leu Asn Thr
174 1          5          10          15
176 Met Leu Ser Leu Cys Gly Gly Glu Asp Asp Ile Glu Ala Asp His Val
177          20          25          30
179 Gly Phe Tyr Gly Thr Thr Val Tyr Gln Ser Pro Gly Asp Ile Gly Gln
180          35          40          45
182 Tyr Thr His Glu Phe Asp Gly Asp Glu Leu Phe Tyr Val Asp Leu Asp
183          50          55          60
185 Lys Lys Lys Thr Val Trp Arg Leu Pro Glu Phe Gly Gln Leu Ile Leu
186 65          70          75          80
188 Phe Glu Pro Gln Gly Leu Gln Asn Ile Ala Ala Glu Lys His Asn
189          85          90          95
191 Leu Gly Ile Leu Thr Lys Arg Ser Asn Phe Thr Pro Ala Thr Asn Glu
192          100          105          110

```

(same  
eror in  
segs. 4, 6, 8)

## RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/048,116A

TIME: 12:20:15

Input Set : A:\seq list.txt

Output Set: N:\CRF4\12292005\J048116A.raw

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194 Ala Pro Gln Ala Thr Val Phe Pro Lys Ser Pro Val Leu Leu Gly Gln
195      115      120      125
197 Pro Asn Thr Leu Ile Cys Phe Val Asp Asn Ile Phe Pro Pro Val Ile
198      130      135      140
200 Asn Ile Thr Trp Leu Arg Asn Ser Lys Ser Val Thr Asp Gly Val Tyr
201 145      150      155      160
203 Glu Thr Ser Phe Leu Val Asn Arg Asp His Ser Phe His Lys Leu Ser
204      165      170      175
206 Tyr Leu Thr Phe Ile Pro Ser Asp Asp Asp Ile Tyr Asp Cys Lys Val
207      180      185      190
209 Glu His Trp Gly Leu Glu Glu Pro Val Leu Lys His Trp Glu Pro Glu
210      195      200      205
212 Ile Pro Ala Pro Met Ser Glu Leu Thr Glu Thr Gly Gly Gly Ser
213      210      215      220
215 Thr Thr Ala Pro Ser Ala Gln Leu Glu Lys Glu Leu Gln Ala Leu Glu
216 225      230      235      240
218 Lys Glu Asn Ala Gln Leu Glu Trp Glu Leu Gln Ala Leu Glu Lys Glu
219      245      250      255
221 Leu Ala Gln Ala Ala Ser Glu Pro Arg Gly Pro Thr Ile Lys Pro Cys
222      260      265      270
224 Pro Pro Cys Lys Cys Pro Ala Pro Asn Leu Leu Gly Gly Pro Ser Val
225      275      280      285
227 Phe Ile Phe Pro Pro Lys Ile Lys Asp Val Leu Met Ile Ser Leu Ser
228      290      295      300
230 Pro Ile Val Thr Cys Val Val Val Asp Val Ser Glu Asp Asp Pro Asp
231 305      310      315      320
233 Val Gln Ile Ser Trp Phe Val Asn Asn Val Glu Val His Thr Ala Gln
234      325      330      335
236 Thr Gln Thr His Arg Glu Asp Tyr Asn Ser Thr Leu Arg Val Val Ser
237      340      345      350
239 Ala Leu Pro Ile Gln His Gln Asp Trp Met Ser Gly Lys Glu Phe Lys
240      355      360      365
242 Cys Lys Val Asn Asn Lys Asp Leu Pro Ala Pro Ile Glu Arg Thr Ile
243      370      375      380
245 Ser Lys Pro Lys Gly Ser Val Arg Ala Pro Gln Val Tyr Val Leu Pro
246 385      390      395      400
248 Pro Pro Glu Glu Glu Met Thr Lys Lys Gln Val Thr Leu Thr Cys Met
249      405      410      415
251 Val Thr Asp Phe Met Pro Glu Asp Ile Tyr Val Glu Trp Thr Asn Asn
252      420      425      430
254 Gly Lys Thr Glu Leu Asn Tyr Lys Asn Thr Glu Pro Val Leu Asp Ser
255      435      440      445
257 Asp Gly Ser Tyr Phe Met Tyr Ser Lys Leu Arg Val Glu Lys Lys Asn
258      450      455      460
260 Trp Val Glu Arg Asn Ser Tyr Ser Cys Ser Val Val His Glu Gly Leu
261 465      470      475      480
263 His Asn His His Thr Thr Lys Ser Phe Ser Arg Thr Pro Gly Lys
264      485      490      495
267 <210> SEQ ID NO: 3

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## RAW SEQUENCE LISTING

DATE: 12/29/2005

PATENT APPLICATION: US/10/048,116A

TIME: 12:20:15

Input Set : A:\seq list.txt

Output Set: N:\CRF4\12292005\J048116A.raw

```

268 <211> LENGTH: 1485
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: coding region
274     of SEQ ID NO:1
276 <220> FEATURE:
277 <221> NAME/KEY: CDS
278 <222> LOCATION: (1)..(1485)
280 <400> SEQUENCE: 3
281 atg ccg tgc agc aga gct ctg att ctg ggg gtc ctc gcc ctg aac acc 48
282 Met Pro Cys Ser Arg Ala Leu Ile Leu Gly Val Leu Ala Leu Asn Thr
283 1 5 10 15
285 atg ctc agc ctc tgc gga ggt gaa gac gac att gag gcc gac cac gta 96
286 Met Leu Ser Leu Cys Gly Gly Glu Asp Asp Ile Glu Ala Asp His Val
287 20 25 30
289 ggc ttc tat ggt aca act gtt tat cag tct cct gga gac att ggc cag 144
290 Gly Phe Tyr Gly Thr Thr Val Tyr Gln Ser Pro Gly Asp Ile Gly Gln
291 35 40 45
293 tac aca cat gaa ttt gat ggt gat gag ttg ttc tat gtg gac ttg gat 192
294 Tyr Thr His Glu Phe Asp Gly Asp Glu Leu Phe Tyr Val Asp Leu Asp
295 50 55 60
297 aag aag aaa act gtc tgg agg ctt cct gag ttt ggc caa ttg ata ctc 240
298 Lys Lys Lys Thr Val Trp Arg Leu Pro Glu Phe Gly Gln Leu Ile Leu
299 65 70 75 80
301 ttt gag ccc caa ggt gga ctg caa aac ata gct gca gaa aaa cac aac 288
302 Phe Glu Pro Gln Gly Gly Leu Gln Asn Ile Ala Ala Glu Lys His Asn
303 85 90 95
305 ttg gga atc ttg act aag agg tca aat ttc acc cca gct acc aat gag 336
306 Leu Gly Ile Leu Thr Lys Arg Ser Asn Phe Thr Pro Ala Thr Asn Glu
307 100 105 110
309 gct cct caa gcg act gtg ttc ccc aag tcc cct gtg ctg ctg ggt cag 384
310 Ala Pro Gln Ala Thr Val Phe Pro Lys Ser Pro Val Leu Leu Gly Gln
311 115 120 125
313 ccc aac acc ctt atc tgc ttt gtg gac aac atc ttc cca cct gtg atc 432
314 Pro Asn Thr Leu Ile Cys Phe Val Asp Asn Ile Phe Pro Pro Val Ile
315 130 135 140
317 aac atc aca tgg ctc aga aat agc aag tca gtc aca gac ggc gtt tat 480
318 Asn Ile Thr Trp Leu Arg Asn Ser Lys Ser Val Thr Asp Gly Val Tyr
319 145 150 155 160
321 gag acc agc ttc ctc gtc aac cgt gac cat tcc ttc cac aag ctg tct 528
322 Glu Thr Ser Phe Leu Val Asn Arg Asp His Ser Phe His Lys Leu Ser
323 165 170 175
325 tat ctc acc ttc atc cct tct gat gat gac att tat gac tgc aag gtg 576
326 Tyr Leu Thr Phe Ile Pro Ser Asp Asp Asp Ile Tyr Asp Cys Lys Val
327 180 185 190
329 gag cac tgg ggc ctg gag gag ccg gtt ctg aaa cac tgg gaa cct gag 624
330 Glu His Trp Gly Leu Glu Glu Pro Val Leu Lys His Trp Glu Pro Glu
331 195 200 205

```

**VERIFICATION SUMMARY**

DATE: 12/29/2005

PATENT APPLICATION: US/10/048,116A

TIME: 12:20:16

Input Set : A:\seq list.txt

Output Set: N:\CRF4\12292005\J048116A.raw

L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>  
ORGANISM:Artificial Sequence

L:172 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>  
ORGANISM:Artificial Sequence

L:172 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:172

L:411 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>  
ORGANISM:Artificial Sequence

L:411 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>  
ORGANISM:Artificial Sequence

L:411 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:411

L:606 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>  
ORGANISM:Artificial Sequence

L:606 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>  
ORGANISM:Artificial Sequence

L:606 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:606

L:768 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>  
ORGANISM:Artificial Sequence

L:768 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>  
ORGANISM:Artificial Sequence

L:768 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:768